

TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER VT7-012US
INTERNATIONAL APPLICATION NO. PCT/KR2003/02723	INTERNATIONAL FILING DATE 12 December 2003	U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/541242
TITLE OF INVENTION METHOD AND SYSTEM FOR PREVENTING CALL DROP BY LIMITING SEARCH TIME OF 1X SYSTEM DURING 1X EV-DO TRAFFIC STATE		PRIORITY DATE CLAIMED 30 December 2002
APPLICANT(S) FOR DO/EO/US Seongsso BAE <i>et al.</i>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371.		
2. <input checked="" type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.		
3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.		
4. <input type="checkbox"/> The US has been elected (Article 31).		
5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2)) <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 		
6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). <ul style="list-style-type: none"> a. <input type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 		
7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) <ul style="list-style-type: none"> a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input type="checkbox"/> have not been made and will not be made. 		
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).		
9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).		
10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
Items 11 to 20 below concern document(s) or information included:		
11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.		
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.		
13. <input type="checkbox"/> A preliminary amendment.		
14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.		
15. <input type="checkbox"/> A substitute specification.		
16. <input type="checkbox"/> A power of attorney and/or change of address letter.		
17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 – 1.825.		
18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).		
19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

Rec'd PCT/PTO 28 FEB 2006

PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/541242		INTERNATIONAL APPLICATION NO. PCT/KR2003/02723		ATTORNEY'S DOCKET NUMBER VT7-012US	
20. <input checked="" type="checkbox"/> Other items or information: Copy of Notification of Missing Requirements; Request for Change of Attorney Docket Number and Return Receipt Postcard					
The following fees have been submitted 21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a)) \$300				CALCULATIONS	PTO USE ONLY
				\$	
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 All other situations \$200				\$	
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB \$400 All other situations \$500				\$	
TOTAL OF 21, 22 and 23 =				\$ 0.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250.00	\$	
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	- 20 =		x		
Independent claims	- 3 =		x		
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+		
TOTAL OF ABOVE CALCULATIONS =				\$ 130.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
SUBTOTAL =				\$ 130.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).				\$	
TOTAL NATIONAL FEE =				\$ 130.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
				\$	
TOTAL FEES ENCLOSED =				\$ 130.00	
				Amount to be refunded:	\$
				Amount to be charged	\$

03/06/2006 LANDGRA 00000041 120080 10541242

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130.00 DA

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.
- b. ☒ Please charge my Deposit Account No. 12-0080 in the amount of \$ 130.00 to cover the above fees.
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 12-0080. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038

NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Kevin J. Canning
LAHIVE & COCKFIELD, LLP
28 State Street
Boston, Massachusetts 02109
(617) 227-7400

CUSTOMER NUMBER: 00959


SIGNATURE

Kevin J. Canning
NAME

35,470
REGISTRATION NUMBER

Date: February 28, 2006

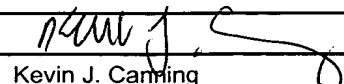
Express Mail No.: EV 682330356 US

Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

<p>Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</p> <h2 style="margin: 0;">FEE TRANSMITTAL</h2> <h3 style="margin: 0;">For FY 2005</h3>		<p>Complete if Known</p>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/541242-Conf. #4951
		Filing Date	June 30, 2005
		First Named Inventor	Seongsoo BAE
		Examiner Name	Not Yet Assigned
		Art Unit	Not Yet Assigned
TOTAL AMOUNT OF PAYMENT		(\$)	130.00
		Attorney Docket No.	VT7-012US

<p>METHOD OF PAYMENT (check all that apply)</p>	
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> None <input type="checkbox"/> Other (please identify): _____	
<input checked="" type="checkbox"/> Deposit Account Deposit Account Number: <u>12-0080</u> Deposit Account Name: <u>Lahive & Cockfield, LLP</u>	
<p>For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)</p> <input checked="" type="checkbox"/> Charge fee(s) indicated below <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 <input checked="" type="checkbox"/> Credit any overpayments	

<p>FEE CALCULATION</p>							
<p>1. BASIC FILING, SEARCH, AND EXAMINATION FEES</p>							
Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	
<p>2. EXCESS CLAIM FEES</p>							
Fee Description	Fee (\$)	Small Entity Fee (\$)					
Each claim over 20 (including Reissues)	50	25					
Each independent claim over 3 (including Reissues)	200	100					
Multiple dependent claims	360	180					
<p>Total Claims Extra Claims Fee (\$) Fee Paid (\$) Multiple Dependent Claims</p> <p>_____ - 20 = _____ x _____ = _____ Fee (\$) Fee Paid (\$)</p> <p>Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)</p> <p>_____ - 3 = _____ x _____ = _____</p>							
<p>3. APPLICATION SIZE FEE</p> <p>If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).</p>							
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)			
_____	_____	_____ / 50	(round up to a whole number) x _____	= _____			
<p>4. OTHER FEE(S)</p> <p>Non-English Specification, \$130 fee (no small entity discount)</p> <p>Other (e.g., late filing surcharge): <u>1617 Search fee, examination fee or oath or ...</u> Fees Paid (\$) <u>130.00</u></p>							

<p>SUBMITTED BY</p>			
Signature		Registration No. (Attorney/Agent)	35,470
Name (Print/Type)	Kevin J. Carrington	Telephone	(617) 227-7400
		Date	February 28, 2006

Rec'd PCT/PTO 28 FEB 2006

Express Mail Label No. EV 682330356 US Dated: February 28, 2006

Docket No.: VT7-012US
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Seongsoo Bae *et al.*

Application No.: 10/541242

Confirmation No.: 4951

Filing Date of
International Application: December 12, 2003

Art Unit: Not Yet Assigned

For: METHOD AND SYSTEM FOR PREVENTING
CALL DROP BY LIMITING SEARCH TIME
OF 1X SYSTEM DURING 1X EV-DO
TRAFFIC STATE

Examiner: Not Yet Assigned

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C.
371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE**

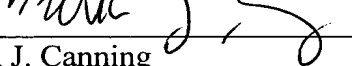
MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notification of Missing Requirements Under 35 U.S.C. 371, mailed December 29, 2005, Applicant(s) respectfully submit(s) a Declaration, Petition and Power of Attorney, as well as a copy of the Notification of Missing Requirements.

Dated: February 28, 2006

Respectfully submitted,

By 
Kevin J. Canning
Registration No.: 35,470
LAHIVE & COCKFIELD, LLP
28 State Street
Boston, Massachusetts 02109
(617) 227-7400
(617) 742-4214 (Fax)
Attorney/Agent For Applicant

Rec'd PCT/PTO 28 FEB 2006

Express Mail Label No. EV 682330356 US Dated: February 28, 2006

Docket No.: VT7-012US
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Seongsoo Bae *et al.*

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CALL DROP BY LIMITING SEARCH TIME
OF 1X SYSTEM DURING 1X EV-DO
TRAFFIC STATE

Examiner: Not Yet Assigned

REQUEST FOR CHANGE OF ATTORNEY DOCKET NUMBER

MS PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

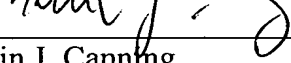
Dear Sir:

The Attorney Docket Number of the above-identified patent application has changed.
Please take notice that the Attorney Docket Number for this application should now be as
follows: **VT7-012US**

Please reference VT7-012US on all future correspondence.

Dated: February 28, 2006

Respectfully submitted,

By 
Kevin J. Canning
Registration No.: 35,470
LAHIVE & COCKFIELD, LLP
28 State Street
Boston, Massachusetts 02109
(617) 227-7400
(617) 742-4214 (Fax)
Attorney/Agent For Applicant



UNITED STATES PATENT AND TRADEMARK OFFICE

Rec'd PCT/PTO 28 FEB 2006

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/541,242	Seongsoo Bae	11499-011-999

INTERNATIONAL APPLICATION NO.	
PCT/KR03/02723	
I.A. FILING DATE	PRIORITY DATE
12/12/2003	12/30/2002

20583
 JONES DAY
 222 EAST 41ST ST
 NEW YORK, NY 10017

CONFIRMATION NO. 4951

371 FORMALITIES LETTER



OC000000017679491

Date Mailed: 12/29/2005

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 06/30/2005
- Copy of the International Search Report filed on 06/30/2005
- Copy of IPE Report filed on 06/30/2005
- Request for Immediate Examination filed on 06/30/2005
- U.S. Basic National Fees filed on 06/30/2005
- Priority Documents filed on 06/30/2005

DOCKETED
Feb 28, 2006 Missing Req.
July 29, 2006 ESPW/SP

The applicant needs to satisfy supplemental fees problems indicated below.

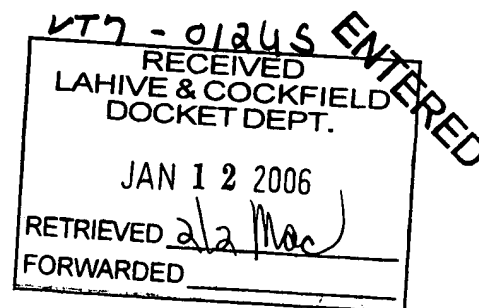
The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.



ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

FREDERICK SMITH

Telephone: (703) 308-9140 EXT 210

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/541,242	PCT/KR03/02723	11499-011-999

FORM PCT/DO/EO/905 (371 Formalities Notice)